

# **METHOD FOR PREPARING AND USING POLYOXYETHYLATED CASTOR OIL IN PHARMACEUTICAL COMPOSITIONS**

## **ABSTRACT**

A method is provided for preparing a pharmaceutical composition comprising: taking  
5 polyoxyethylated castor oil which if diluted 1:10 in water has a pH greater than 5 and aging the  
polyoxyethylated castor oil by exposing the polyoxyethylated castor oil to a gas comprising  
oxygen for a period of time, the exposure to the gas over the period of time causing an acidity of  
the polyoxyethylated castor oil to increase; and forming a pharmaceutical composition  
comprising the aged polyoxyethylated castor oil and a pharmaceutically active agent such as  
10 paclitaxel; wherein at least 80% of the potency of the pharmaceutically active agent is retained  
by the pharmaceutical composition after the pharmaceutical composition is stored for at least 7  
days at 40°C.